# AVIATION MAY 23, 1949 RAN-RILL PUBLICATION WEEK





U. S. Navy's PANTHER

As you would expect from any plane bearing the famous Grumman name, the PANTHER, swift jet fighter of the U.S. Navy, embodies many advanced features of design, construction and operational efficiency. Pronounced among these is the unusual short take-off run this plane requires. Even when fully loaded, the Panther can take the air from a carrier deck unaided.

GRUMMAN AIRCRAFT ENGINEERING CORPORATION, BETHPAGE Contractors to the Armed Services

# The 1/3/1/ Marguette model 3V hydraulic wiper

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### gives you all these advantages Made are resolvened or all tents

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for America's 'round the world eagle!

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AVIATION WILK, May 22, 2949

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Also makers of

\* Clay Flow \* 20 tancer Flows

AUBURN -

Alloyd Division Don't Cifes



Nove Stockets .... New Products ..... 35 Ariation World News ... 37 Winst's New 52 Editorial .



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### NEWS SIDELIGHTS

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### AVIATION WEEK, May 23, 1640



for Economy and Capacity A completely modern airmait, ownerstly can

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mening and forming The job can be done enywhere in the world. AVITRUC will put your equipment on the sace

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### AVIATION CALENDAR

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May 56-17 - Around making, Switchy of the Phartics Industry Super-over Search Se-tal, Chicago

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Jan. 20-17-NAA TTO Amen' rethred

PICTURE CREDITS

AVIATION WEEK, Mry 23, 1949

# The Birdmen's Perch

by Major Al Williams, AUAS "TATTERED WIND TIPS." Hannes Gall Asiation Department Gall Side (Philosoph 3D) Po-



LAST CALL FOR PICTURES!

PLEASE DON'T RUN PUBL. THERE MAY NOT BE ... A SMALE CUSTOMER TANKS DEVIAT ALTITUDES THE TIDE TO RECORD FOR POWER - PROJECT - LOWER THAN SOCIOTED. AND WE HATT TO LOSS.

Gulf Oil Corporation





AVIATION WEEK, May 22, 2800









### NEW POWER FOR THE "SUPER" DC-3 . . . Cyclone 9 New Certified at 1475-1525 Horsepower

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POWER FOR AN PROPERTY

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### NEWS DIGEST

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# INDUSTRY OBSERVER

First & Whitney has concluded another agreement with the Buttill. Eally Econo from the U.S. supportunities elected agreement with the Hills. tarbout spaces. P&W version of the Tay, now remains on a record test steed, but U.S. relatory designation of \$45. The Tay is a most wart. P&W is so full understood on its serious of the Nege which is designated the I-62 Turbo-Waya

▶ Album T.40 hydrogens is may rated at 5500 less but the T-40.2. slated to be the sendostion readel, will have a ratine clear to 7000 km. T-55, a sunck cost of the deal T-90 teching installation, has already

delicered 5000 kg, during ground test rans. The Y-16 will ranks fortiel field rank in the root of a correctly record R-17 at leafer-model. for enumerical sales, re addition to its military development work on \*Lockbool engineering test pilots have under their flights with a Con-stellation resource 117,000 fb. make under heliast that was discussed

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►Resulting new F-84E Threshoot a expected to be one of the fintest chardeng lighten in the USAF arrenal. Disagn new ratio for a clamb from Findaceton that the Books B-17 of Equation extremely lens movem on talends made without IATO comes force Withits where the B.47 is now conference on along for learthman tops 7500 it and one 7000 it merces at the Municipal Alcoust admission the Boston plant to accompandate the

May 23, 2919





Twin jet engines may eventually place 25,000-lb, plane in Mach 1 speed class. By Robert McLarren Cons weight of the XF-90 has in

NAV Flow Handbar-Major dearn engine is a fight test matellation only

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HEADLENE NEWS

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RAF Jet Flies Test Sepals at bomber made ets secul test dight to England last week. It is the A.L. powered

would carry 30-day lead of 4500 terms a day to 5746 term, at 2.1 he is round places haved in the arkibet or womber

CAA Appointment

Appointment of Wiley World as head of the new CAA Office of Avril





NEST TRUES ITS INVERSE TAPER WINGS Republic Ariston Chay's XF51 pt and XF51 second-up to Republic, or the first

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### Contracts Open to Renegotiation National Military Establishment lists companies with

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# French Air Show Reveals New Planes

Followar is the first full scoot in Piloted ramjet-powered craft is most striking plane on this country of the latest European display at Grand Palais in 18th Paris aircraft exhibit. planes or shown in the Perm Av. Chow-



PARIS-A never "magnifech" and

By Bard France

AVIATION WEEK, New 23, 1945

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11/2" size: 0.5 ps; et 30 ppm., 3 ft ps; et 200 spm. Suchebile for blink mouseper systems —0 to 50 ps. Winderland - townerstore range -65" to + 160" F.

With body for Euferin No. 530 \*Approved by U. S. AIR FORCES (Yellow Dot

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AVIATION WEIK, May 22, 1845

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# ENGINEERING



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# High-Speed Designs Need Simple Cockpits

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ENGINEERING

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# PRODUCTION

### West Coast Is Procurement Key Los Angeles office handles 60 percent of Air Force procurement: current total is \$335 million.

By Alexander McSureir

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Payment Methods-Payments are AMC procurances field affices the Ros-► Organisation Chart-Accompanying Offices most closely concerned with

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AVEATION WIEK, May 22, 1949

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# what COLONIAL likes about FDISON FIRE DETECTION



Wanton chapter 1

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► Harriton Standard disease of United

# WHO'S WHERE

AVIATION WEEK, May 23, 1949.



# HERITAGE

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AND FLY WITH CONFIDENCE AVIATION WEEK, May 53, 1949.

# Latest Bid Awards to Industry by U. S. Air Force

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AVIATION WORLD NEWS

Indian Airlines Have Tough Spring Two carriers collapsed; largest domestic operator hit by strike; pilot shortage still a big problem.

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AVIATION WIFE May 22 PMS

perspective siding contents from the AVIATION WEEK, Mrs. 24, 1969.

AVIATION WORLD NEWS



# NOW-Jet Power for Patrol

Planes

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Its 20 mm, tunets and other progress make it a powerful for economical long-range power—and two lets for extra bursts of speed-one uniquely teamed in two mortics. The Martin PAM Mercator is the first proposered pated similars— another first



Annal Separate Annal Service AVIATION WEEK, May 23, 1649

# SALES & SERVICE



### Cessna Trades Fabric for Metal Company adouts all-metal wine on two-place Model 140: claims better control and performance.

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# EDITORIAL

# Public Opinion Is The Spark

The one question we are being asked most by people outside position is. 'Why is the envenment classoner

raccessful than the scheduled compa in certain their When you inform your questioner that the government's rystem economic somer costants the side

sells the next question If the Civil Accounties Board thinks they are open

That is a road question. We wish accretion of CAR world mover at Frankly, we believe it is because they restined some of the constants have been perference a public service. Otherwise, who would so many of the public be placepene down their hard curred dollars to

We also believe although no one is the Company Bolding would adout at that CAB has been uttary back watching the busineser of public opinion, writing to see how much outside pressure would beild up per

Although you don't need much about the point as textbooks on civiles and approximent, outside messages on an agency-such as the White House, Congress or

crotic National Committee, is not a true reflection of public origins. But if it is obviously the streams refluence at the reservat, it may aware a decision.

with the proper legal partifications. These legal cults thesies, both in pendrus actors and as accompanies decisions, are usually the merry to an end, solders the vericeboard of action. It is regrestable that so many top reductive expectation permit themselves to cert lost in the

Because whether we like to admir it or wet, wanted Commont administrative or enmissibility arounds as accorately express public operiors, they will executarily win out. If they do not receptedy prosper the negative denses they will be overcoled eventually. Because public outsing is the downwart force in America

That carries inflative nebby relations is a vital force. when it is rightly conducted. But an industry public relations policy must be based in hungers, and on facts. American public as atherestly bosont and sound but it must be fed with treth before it can exhibit its room courses sense. The more facts it is given, the more antifigrat will be its decisions.

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